PTO/SB/05 (07-03)
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	Attorney Docket No.	21723-0002
	First Inventor	WAND et al.
	Title	PLATE HEAT EXCHANGER WITH ENHANCED SURFACE FEATURES
	Express Mail Lahel No.	EU 692322460 US

TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b)) Mail Stop Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 1. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or 7. 🔲 (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. 🔯 Specification [Total Pages 25] a. Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the invention - Cross Reference to Related Applications i. CD-ROM or CD-R (2 copies); or Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, ii. Paper or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention c. Statements verifying identity of above copies - Brief Description of the Drawings (if filed) **ACCOMPANYING APPLICATION PARTS** - Detailed Description - Claim(s) Assignment Papers (cover sheet & document(s)) - Abstract of the Disclosure 9. 4. 37 CFR 3.73(b) Statement 10. Power of Attorney Drawing(s) (35 U.S.C. 113) [Total Sheets 13] (when there is an assignee) 5. English Translation Document (if applicable) Oath or Declaration [Total Sheets _____] 11. Information Disclosure 12. Copies of IDS Citations a. Newly executed (original or copy) Statement (IDS)/PTO-1449 b. Copy from a prior application (37 CFR 1.63(d)) 13. \square **Preliminary Amendment** (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. (Should be specifically itemized) i. DELETION OF INVENTOR(S) Certified Copy of Priority Document(s) 15. \square Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR Nonpublication Request under 35 U.S.C. 122 16. \square 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 6. Other: Certificate of Express Mailing, Copy of Foreign 17. 🛛 Application Data Sheet, See 37 CFR 1.76 Patent from IDS Citation 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Art Unit: for CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number: 26587 Correspondence address below Name Address City State Zip Code Country Telephone Fax Name (Print/Type) | Carmen Santa Maria Registration No. (Attorney Agent) 33.453

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

August 19, 2003

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

1194

Complete if Known				
Application Number				
Filing Date	August 19, 2003			
First Named Inventor	WAND et al.			
Examiner Name	n/a			
Group / Art Unit	n/a			
Attorney Docket No	21723-0002			

Check	MET	FEE CALCULATION (continued)							
Deposit Account		3. ADDITIONAL FEES							
Deposit Account Number Sol-1059 Sol-1	Order			Large Entity Small Entity					
Account Number 1051 130 2051 65 Surcharge - late filting fee or or over sheet. 1052 50 2052 50 2052 50 Surcharge - late filting fee or over sheet. 1053 130							Fee Description Fee Paid		
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Name	Account McNees Wallace & Nurick LLC			130	1053	130	Non-English specification		
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	**or number previously paid if greater. For Reissues, see above					,	(\$) U		

SUBMITTED BY				Co	Complete (if applicable)		
Name (Print/Type)	Carmen Santa Maria	Registration No. Attorney/Agent)	33,453	Telephone	717-237-5226		
Signature	Carmin Santa Maria		Date	August 19, 2003			

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Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

- 1. Return Acknowledgment Postcard
- 2. Utility Patent Application Cover Sheet
- 3. Fee Transmittal Form
- 4. Patent Application (25 Pages)
- 5. Drawings (13 sheets)
- 6. **Application Data Sheet**
- 7. Information Disclosure Statement
- 8. PTO/SB/08
- Reference Cited (1 foreign patent) 9.

Lindsay Vin

By: (Type signature) Lindsay Vican

Written Signature:
Date: August 19, 200